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Semestral Plan for Sec 3 Normal (Technical) Mathematics 2023

The document captures the curriculum and assessment plan for Sec 3 Normal Technical for the year.

1   Curriculum Plan

Tentative Week	Topics to cover
Term 1 Week 1 – 3	Chapter 1 – Indices and Standard form
Term 1 Week 4 – 5	Chapter 3 – Algebraic Expansion, Fractions and Expression for the nth Term of a Number Sequence
Term 1 Week 6	Revision for WA 1 + WA 1
Term 1 Week 7 – 8	• Chapter 3 – Algebraic Expansion, Fractions and Expression for the nth Term of a Number Sequence • Chapter 4 – Factorisation & Formulas
Term 1 Week 9 – 10	Chapter 4 – Factorisation & Formulas
Term 1 Week 10	Wealth Week
11th to 19th March	**MARCH HOLIDAYS**
Term 2 Week 1	Chapter 4 – Factorisation & Formulas
Term 2 Week 2 – 3	Chapter 2 – Scales and Maps
Term 2 Week 4	Revision for WA 2 + WA 2
Term 2 Week 5 – 6	Chapter 5 – Arc Lengths and Sector Areas
Term 2 Week 7 – 10	Chapter 6 – Pyramids, Cones and Spheres
27th May to 25th June	**JUNE HOLIDAYS**
Term 3 Week 1 – 2	Chapter 7 – Cumulative Frequency
Term 3 Week 3	Revision for WA 3 + WA 3
Term 3 Week 4	Chapter 7 – Cumulative Frequency
Term 3 Week 5 – 6	Chapter 8 – Graph of Linear Equations
Term 3 week 7 – 9	Chapter 9 – Simultaneous Linear Equations
Term 3 Week 10	Revision
2nd to 10th Sept	**SEPTEMBER HOLIDAYS**
Term 4 week 1 – 2	Revision
Term 4 week 3 – 4	**End-of-Year Examination**
Term 4 week 5 – 7	Going through End-of-Year Exam papers and Headstart **Last day of school: 27th Oct 2023**

Syllabus for GCE N Level Mathematics Syllabus T (Subject code: 4046) can be retrieved from SEAB website:
https://www.seab.gov.sg/docs/default-source/national-examinations/syllabus/nlevel/2023syllabus/4046_y23_sy.pdf

2   Assessment Plan

Component of Assessments:
- Weighted Assessments (WA)
- End-of-Year Examination (EYE)

Semester	Semester 1		Semester 2	
Term	**Term 1**	**Term 2**	**Term 3**	**Term 4**
Types of Assessment	WA 1	WA 2	WA3	End-of-Year examination
Weightage	15%	15%	15%	55%
Tentative Week	Term 1 Week 6	Term 2 Week 4	Term 3 Week 3	Term 4 Week 3 - 4
Topics Covered	• Sec 3 - Chapter 1 & part of Chapter 3 • Sec 1 topics • Sec 2 – Chapter 2 & 3	• Sec 3 - Chapter 1 to 4 • Sec 1 topics • Sec 2 – Chapter 2, 3, 10	• Sec 3 - Chapter 5 & 6 to 7 • Sec 1 topics • Sec 2 – Chapter 2, 3, 10, 12	Refer to EYE Format
Assessment Mode	Written			

Sec 1 topics that are included in assessments:
- Chapter 1: Numbers
- Chapter 2: The four operations of integers
- Chapter 3: Ratio
- Chapter 4: Percentages

Sec 2 topics that are included in assessments:
- Chapter 2: Linear algebraic manipulation
- Chapter 3: Linear equations in one variable
- Chapter 10: Data analysis
- Chapter 12: Prisms and cylinders

End-of-Year Exam(EYE) Format

Paper	Weightage	Duration	Remarks
Paper 1	50%	1hr 15mins	• 40 marks • Calculator allowed • Selected Sec 1 & 2 topics
Paper 2	50%	1hr 15mins	• All Sec 3 topics • Answer all questions

3   Absence from tests

(a) Medical certificates must be produced if student is absent for the test.

(b) Parent's letter is strongly discouraged and its validity will be approved based on a case-by-case basis.

(c) Absence from any test without a valid reason will result in zero mark for the test.

(d) Do note that student will have to do a make-up test on the day he/she returns to school.

With this information, we hope all students will better prepare themselves for the academic demands this year.

Do feel free to contact the respective mathematics teachers, Mr Chan Chew Keong and Ms Hannah, should further clarification be needed on this matter.